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Subject: Bridge Advertisement (DSI 22-010) Structural Steel coatings
Date: Monday, January 30, 2023 10:59:40 AM

The [EPG](#), [Bridge Standard Drawings](#), [MicroStation cells](#), and [Standard Specifications](#) have been updated as described below:

Implementation Statement: Effective immediately for all plans not yet submitted to Design.

(The Implementation Statement is a recommendation by the Development Section. The SPM is responsible for the level of implementation for any particular job.)

Revision Date	Items Revised	Description of Change
Jan. 2023	EPG: 751.1.2.9 ; 751.6 ; 751.14.5.8 ; 751.50 , 1045	These revisions contain significant changes to structural steel coating policy. <ul style="list-style-type: none"> • System G has replaced System H as the preferred coating for weathering steel bridges. • System G has replaced calcium sulfonate as the preferred overcoating system. • Calcium sulfonate has been removed from the EPG and specifications as a viable overcoating product. • System I is considered a viable option for coating weathering steel. • System I finish coating shall be an <u>epoxy-based polysiloxane</u> per the specifications. The epoxy-based products appear to work better than acrylic-based for MoDOT projects. • Organic Zinc Primer has been added to the specifications and is considered a viable option for recoating when System G, H or I is required. Inorganic zinc is still the preferred primer for shop fabrication. • Language has been added to address concerns with overcoating vinyl coatings. • Epoxy-mastics are recognized as an alternative short-term solution for overcoating lead-based coatings. • Standard drawing RHB07 (paint overlap) has been voided and replaced by a standard cell (PaintOverlapE) since only one figure is needed after removing the paint overlap for new-on-new coatings. • Standard drawing REDECK01 has been updated to reflect revised wording of standard notes.
	Bridge Standard Drawings: REDECK01 ; RHB07	
	MicroStation Cells: (New) PaintOverlapE	
	Std. Specifications: 1045 , 1080 , 1081	
	Standard Plans: NA	
	Bridge Special Provisions: NA	

to view more details about this (or any) revision, use the [Revision Index Database](#), located under Completed Revisions on Development’s Sharepoint page.

Instructions:

Under Tables (left-hand side) double-click on RevisionRecords.

Click on the link under the Effective Date to access documentation for the completed revision.

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